At page 19, line 24, please delete "NOS: 6-10" and substitute --NOS: 2, 4, 6, 8 and 10-- therefore.

At page 25, line 15, please insert the following --For clarification and reference herein, the term OB-R, when applied to the published and unaltered leptin receptor polypeptide, refers to that disclosed in Tartaglia et al. [Cell 83: 1263-1271 (1995)], which is incorporated herein by reference in its entirety. The amino acid sequence of the Tartaglia et al. published and unaltered mouse OB-R is set forth in SEQ ID NO: 55. The amino acid sequence of the Tartaglia et al. published and unaltered human OB-R is set forth in SEQ ID NO: 56.

a1

At page 26, line 21, please delete "where it diverges" and substitute --with a different nine amino acid sequence C-terminal to His[796] -- therefore.

a2

IN THE CLAIMS:

Please cancel Claims 1, 2, 10, 11, 12 and 13.

Please amend the claims as follows:

3.(Amended) A [The] leptin receptor (OB-R) polypeptide [of Claim 1] which is encoded by a nucleic acid which is identifiable with a polymerase chain reaction (PCR) probe selected from group consisting of a probe for clone 7 (forward primer SEQ ID NO:42 and reverse primer SEQ ID NO:43), a probe for clone 11 (forward primer SEQ ID NO:44 and reverse primer SEQ ID NO:45), and both clone 7 and clone 11.

a3

5.(Amended) A [The] leptin receptor (OB-R) polypeptide [of Claim 1] which is selected from the group consisting of OB-Ra, OB-Rb, OB-Rc, OB-Rd, and OB-Re, or allelic variants thereof.

a4

Rwbc7